

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/554,158  
Source: Per  
Date Processed by STIC: 11/2/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 11/02/2005

PATENT APPLICATION: US/10/554,158

TIME: 09:46:22

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\11022005\J554158.raw

```

3 <110> APPLICANT: KYUSHU TLO COMPANY, LIMITED
5 <120> TITLE OF INVENTION: Thionucleoside-S-nitrosyl derivatives
7 <130> FILE REFERENCE: G05-0068
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/554,158
C--> 10 <141> CURRENT FILING DATE: 2005-10-21
12 <150> PRIOR APPLICATION NUMBER: JP2003-117569
13 <151> PRIOR FILING DATE: 2003-04-22
15 <160> NUMBER OF SEQ ID NOS: 7
17 <170> SOFTWARE: PatentIn Ver. 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 16
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
26     nucleotide
28 <220> FEATURE:
W--> 29 <221> NAME/KEY: modified base
30 <222> LOCATION: 5
31 <223> OTHER INFORMATION: n represents thionucleotide derivative of a, g, c or t
33 <400> SEQUENCE: 1
W--> 34 ctttntttctc ctttct                                16
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 16
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
44     nucleotide
46 <220> FEATURE:
W--> 47 <221> NAME/KEY: modified base
48 <222> LOCATION: 5
49 <223> OTHER INFORMATION: n represents thionucleotide nitrosyl derivative of
50     a, g, c or t
52 <400> SEQUENCE: 2
W--> 53 ctttntttctc ctttct                                16
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 16
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
63     nucleotide

```

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DATE: 11/02/2005

PATENT APPLICATION: US/10/554,158

TIME: 09:46:22

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\11022005\J554158.raw

```

65 <220> FEATURE:
W--> 66 <221> NAME/KEY: modified base
67 <222> LOCATION: 12
68 <223> OTHER INFORMATION: n represents a, g, c or t
70 <400> SEQUENCE: 3
W--> 71 agaaaggaga anaaag 16
74 <210> SEQ ID NO: 4
75 <211> LENGTH: 16
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
81 nucleotide
83 <220> FEATURE:
W--> 84 <221> NAME/KEY: modified base
85 <222> LOCATION: 12
86 <223> OTHER INFORMATION: n represents nitrosyl derivative of a, g, c or t
88 <400> SEQUENCE: 4
W--> 89 agaaaggaga anaaag 16
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 16
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
100 nucleotide
102 <400> SEQUENCE: 5
103 agaaaggaga ctaaag 16
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 16
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
113 nucleotide
115 <400> SEQUENCE: 6
116 agaaaggagc ataaag 16
119 <210> SEQ ID NO: 7
120 <211> LENGTH: 16
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
126 nucleotide
128 <400> SEQUENCE: 7
129 agaaaggaca ataaag 16

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/554,158

DATE: 11/02/2005  
TIME: 09:46:23

Input Set : A:\Sequence.txt  
Output Set: N:\CRF4\11022005\J554158.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 5  
Seq#:2; N Pos. 5  
Seq#:3; N Pos. 12  
Seq#:4; N Pos. 12

## VERIFICATION SUMMARY

DATE: 11/02/2005

PATENT APPLICATION: US/10/554,158

TIME: 09:46:23

Input Set : A:\Sequence.txt

Output Set: N:\CRF4\11022005\J554158.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:29 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1  
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:47 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2  
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:66 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3  
L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:84 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4  
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0